

## 数列 1 数列

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(1)

$$(2n-1)^2, (2n-3)^2, (2n-5)^2, \dots, \{2n-(2k-1)\}^2, \\ \dots, [2n-\{2(n-2)-1\}]^2, [2n-\{2(n-1)-1\}]^2, \{2n-(2n-1)\}^2$$

$$\text{よ り, } a_k = (2n-2k+1)^2$$

(2)

$$1\sqrt{n}, 2\sqrt{n-1}, 3\sqrt{n-2}, \dots, k\sqrt{n-(k-1)}, \\ \dots, (n-2)\sqrt{n-\{(n-2)-1\}}, (n-1)\sqrt{n-\{(n-1)-1\}}, n\sqrt{n-(n-1)}$$

$$\text{よ り, } a_k = k\sqrt{n-k+1}$$